

MAY 23, 2002

THOMAS J. PERKOWSKI, SOUNDVIEW PLAZA

1266 EAST MAIN STREET STAMFORD, CONNECTICUT 06902

THOMAS J. PERKOWSKI, ESQ.

700013248A*

700013248A

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/22/2002 REEL/FRAME: 012724/0865

NUMBER OF PAGES: 16

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZHU, XIAOXUN DOC DATE: 05/13/2002

ASSIGNOR:

AU, KA MAN DOC DATE: 05/13/2002

ASSIGNOR:

GERMAINE, GENNADY DOC DATE: 05/13/2002

ASSIGNOR:

KOLIS, GEORGE DOC DATE: 05/13/2002

ASSIGNOR:

GOOD, TIMOTHY A. DOC DATE: 05/13/2002

ASSIGNOR:

SCHNEE, MICHAEL D. DOC DATE: 05/13/2002

ASSIGNOR:

BLAKE, ROBERT E. DOC DATE: 05/13/2002 012724/0865 PAGE 2

ASSIGNOR:

KNOWLES, CARL HARRY DOC DATE: 05/14/2002

ASSIGNOR:

GHOSH, SANKAR DOC DATE: 05/13/2002

ASSIGNOR:

NAYLOR, CHARLES A. DOC DATE: 05/13/2002

ASSIGNOR:

WILZ SR., DAVID M. DOC DATE: 05/13/2002

ASSIGNOR:

TSIKOS, CONSTANTINE J. DOC DATE: 04/20/2002

ASSIGNOR:

LODGE, FRANCIS E. DOC DATE: 05/16/2002

ord or a grant

ASSIGNOR:

COLAVITO, STEPHEN J DOC DATE: 04/18/2002

ASSIGNOR:

ROCKSTEIN, GEORGE B. DOC DATE: 05/20/2002

ASSIGNEE:

METROLOGIO INSTRUMENTS, INC.

90 COLES ROAD

BLACKWOOD, NEW JERSEY 08012

SERIAL NUMBER: 10009368

PATENT NUMBER:

FILING DATE: ISSUE DATE:

114 m. G. C. C.

MARCUS KIRK, EXAMINER ASSIGNMENT DIVISION

OFFICE OF PUBLIC RECORDS

Attorney Docket: 100-085USA000

PATENT ASSIGNMENT

For value received we, Xiaoxun Zhu, Ka Man Au, Gennady Germaine, George Kolis, Timothy A. Good, Michael D. Schnee, Robert E. Blake, Carl Harry Knowles, Sankar Ghosh, Charles Naylor, David M. Wilz, Sr., Constantine J. Tsikos, Francis Lodge, Stephen J. Colavito and George B. Rockstein hereby sell, assign and transfer to Metrologic Instruments, Inc., a corporation of New Jersey, having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Serial No. 10/009,368 entitled "UNITARY PACKAGE IDENTIFICATION AND DIMENSIONING SYSTEM EMPLOYING LADAR-BASED SCANNING METHODS", filed December 7, 2001, for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

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Patent Assignment in favor of Metrologic Instruments, Inc.	
<u>USSN 10/009,368</u>	
Signed at Blackwood, New Jersey this 13 day of 1002, 2002.	\sim \sim \sim
	Xiaoxun Zhu (L.S.)
State of New Jersey)) ss:	
County of Gloucester) Camber	
	ally appeared XIAOXUN ZHU, who acknowledged the ed by him to be his free act and deed.
	Kelly a. Ooty Notary Public
	KELLY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007
Signed at Blackwood, New Jersey this 13 day of, 2002.	
Q	Ka Man Au (L.S.)
State of New Jersey)	· _ · _
County of Gloucester)	

This day before me personally appeared KA MAN AU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Notary Public of New Jersey
Commission Expires Jan 21, 2007

Page 2 of 9

I	
	Patent Assignment in favor of Metrologic Instruments, Inc.
	<u>USSN 10/009,368</u>
	Signed at Blackwood, New Jersey this \(\frac{1}{2} \) day of \(\frac{1}{2} \), 2002.
	Gennady Germaine (L.S.)
	State of New Jersey)
) ss: County of Gloucester) Camder
The second secon	This day before me personally appeared GENNADY GERMAINE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.
	Notary Public KENY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007
	Signed at Blackwood, New Jersey this 13 day of May, 2002. George Rolis (L.S.)
	State of New James
	State of New Jersey)) ss:

This day before me personally appeared GEORGE KOLIS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Notary Public of New Jersey

Commission Expires Jan 21, 2007

Patent Assignment in favor of Metrologic Instruments, Inc. USSN 10/009,368	.)
Signed at Blackwood, New Jersey this 13th day of May, 2002.	Twothy a. And (L.S.) Timothy A. Good
State of New Jersey)) ss: County of Gloucester)	Timodiy 71.75yod
	ly appeared TIMOTHY A. GOOD, who acknowledged the by him to be his free act and deed.
	Notary Public KELLY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007
Signed at Blackwood, New Jersey this 15 day of May, 2002.	
	Michael D. Schnes (L.S.)
State of New Jersey)) ss: County of Gloucester) Camaler	
This day before me personall foregoing instrument and subscribed	y appeared MICHAEL D. SCHNEE, who acknowledged the by him to be his free act and deed.

Notary Public of New Jersey Commission Expires Jan 21, 2007

Page 4 of 9

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Patent Assignment in favor of Metrologic Instruments, Inc.	. · · · · · · · · · · · · · · · · · · ·
<u>USSN 10/009,368</u>	
Signed at Blackwood, New Jerses this 13 day of MAY, 2002.	y .
	Robert E. Blake (L.S.)
State of New Jersey)	
(County of Gloucester) Camden	;
This day before me person foregoing instrument and subscrib	nally appeared ROBERT E. BLAKE, who acknowledged the ped by him to be his free act and deed.
•	
	Notary Public A. Doty KELLY A. DOTY
	Notary Public of New Jersey Commission Expires Jan 21, 2007
Signed at Blackwood, New Jersey	,
this <u>14</u> day of <u>may</u> , 2002.	
O	Carl Harry Knowles
Out CNI I	,
State of New Jersey) ss:	:
County of Gloucester) Camcler	

This day before me personally appeared CARL HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

ary Public KELLY A DO

Notary Public of New Jersey Commission Expires Jan 21, 2007

Page 5 of 9

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Patent Assignment in favor of	,
Metrologic Instruments, Inc.	
<u>USSN 10/009,368</u>	
· ·	
Signed at Blackwood, New Jersey	
this <u>13</u> day of <u>May</u> , 2002.	
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	(L.S.)
	Sankar Chosh
Ctata a CN and Tanana	
State of New Jersey)	
) ss:	
County of Gloueester)	
Canden	
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This day before me personal	ly appeared SANKAR GHOSH, who acknowledged the
foregoing instrument and subscribed	
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	Delly a. Doty
	Notary Public
	KELLY A. DOTY
	Notary Public of New Jersey
	Commission Expires Jan 21, 2007
Signed at Blackwood, New Jersey	
, ,	
this 13 day of may, 2002.	
0	$\alpha \wedge \alpha \wedge$
T .	() () () () () () ()
	Vallaka M- / M/20 (I.S)
	Charles A. Naylor
	Charles A. Naylor /
State of New Jersey)	
) ss:	
County of Gloucester)	
Camber	
Carrowa	
This day before me personal	ly appeared CHARLES A. NAYLOR, who acknowledged
the foregoing instrument and subscr	ibed by him to be his free act and deed.
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KELLY A. DOTY

Notary Public of New Jersey

Commission Expires Jan 21, 2007

Patent Assignment in favor of	,
Metrologic Instruments, Inc.	
USSN 10/009,368	
0001,10,000,000	
Signed at Blackwood, New Jersey	
this 13 day of May, 2002.	
uns 17 day of 1 2002.	·
	1 0 . 101
	Hand MWSh (L.S.)
	David M. Wilz, Sr.
	David IVI. W IIZ, SI.
State of New Jersey)	
1	
) ss:	•
County of Gloucester	
This day hafare ma marganally	compound DAVID M WILL 7 CD and a relevant of a fell
	appeared DAVID M. WILZ, SR., who acknowledged the
foregoing instrument and subscribed l	by him to be his free act and deed.
	Kanl - Nat
	Notes Public
	Notary Public
	KELLY A. DOTY
	Notary Public of New Jersey
8	Commission Expires Jan 21, 2007
G: 1 . D1 . 1 . 1 . 1	
Signed at Blackwood, New Jersey	
this 20 day of APRIL , 2002.	·
	Cath
	C.J. Tsits
	(L.b.)
	Constantine J. Tsikos
GL-4- CNI I	
State of New Jersey)	
) ss:	
County of Gloucester)	
-andrew /	
m: 1 1 0	1 CONCENTED TO 1 TOWARD 1
· · · · · · · · · · · · · · · · · · ·	appeared CONSTANTINE J. TSIKOS, who
jacknowledged the foregoing instrume	ent and subscribed by him to be his free act and deed.

KELLY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007

,	1
Potent Assignment in favor of	•)
Patent Assignment in favor of Metrologic Instruments, Inc.	
<u>USSN 10/009,368</u>	
USSIN 10/009,508	
 Signed at Blackwood, New Jersey	
this 16 day of May, 2002.	
unis 700 day or 707 2002.	
Į	
	Francis E. Lodge (L.S.)
	Francis F Lodge
	Tallels E. Louge
State of New Jersey)	
) ss:	
County of Gloucester	
County of Gloucester)	
This day before me persona	ally appeared FRANCIS E. LODGE, who acknowledged the
foregoing instrument and subscribe	ed by him to be his free act and deed.
	od by min to be ins nee act and deed.
X.	Kelly a Data
ĺ i	Notary Public
	VELIVA DODI
	KELLY A. DOTY Notary Public of New Jersey
	Commission Expires Jan 21, 2007
Signed at Blackwood, New Jersey	·
this 18 day of April, 2002.	
	0
	Valada
	Strop (L.S.)
	Stephen J. Colavito
	V
State of New Jersey)	
) ss:	
County of Gloucester)	
CAMITIES.	
This day before me persona	ally appeared STEPHEN J. COLAVITO, who acknowledged

This day before me personally appeared STEPHEN J. COLAVITO, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

KELLY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007

Patent Assignment in favor of	
Metrologic Instruments, Inc.	
USSN 10/009,368	
Signed at Blackwood, New Jersey	
this 26 day of May , 2002.	11 1
	U 16/
•	Africal Mark Las
	George B. Rockstein
	\mathcal{O}
State of New Jersey	
) ss:	
County of Gloucester)	

This day before me personally appeared GEORGE B. ROCKSTEIN, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

KELLY A. DOTY

Notary Public of New Jersey
Commission Expires Jan 21, 2007



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

OCTOBER 06, 1999 '

THOMAS J. PERKOWSKI, ESQ SOUNDVIEW PLAZA 1266 EAST MAIN STREET STAMFORD, CT 06902





UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/20/1999

REEL/FRAME: 010142/0641

NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GOOD, TIMOTHY A.

DOC DATE: 05/27/1999

ASSIGNOR:

ZHU, XIAOXUN

DOC DATE: 05/27/1999

ASSIGNOR:

WILZ, DAVID M. SR.

DOC DATE: 05/27/1999

ASSIGNOR:

ROCKSTEIN, GEORGE B.

DOC DATE: 05/28/1999

ASSIGNOR:

COLAVITO, STEPHEN J.

DOC DATE: 05/28/1999

ASSIGNOR:

BLAKE, ROBERT E.

DOC DATE: 05/28/1999

ASSIGNOR:

AU, KA MAN

1000A 1000 DATE: 05/28/1999

OCT 21 1999

010142/0641 PAGE 2

ASSIGNOR:

GHOSH, SANKAR DOC DATE: 05/28/1999

ASSIGNOR:

KOLIS, GEORGE DOC DATE: 05/28/1999

ASSIGNOR:

SCOTT, IAN A. DOC DATE: 05/28/1999

ASSIGNOR:

AMUNDSEN, THOMAS DOC DATE: 05/28/1999

ASSIGNOR:

GERMAINE, GENNADY DOC DATE: 05/28/1999

ASSIGNOR:

DEHENNIS, ANDREW D. DOC DATE: 07/01/1999

ASSIGNOR:

DICKSON, LEROY DOC DATE: 06/08/1999

ASSIGNOR:

KNOWLES, CARL HARRY DOC DATE: 05/27/1999

ASSIGNEE:

METROLOGIC INSTRUMENTS, INC. 90 COLES ROAD BLACKWOOD, NEW JERSEY 08012

SERIAL NUMBER: 09275518 FILING DATE: 03/24/1999

PATENT NUMBER: ISSUE DATE:

TARA WASHINGTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

Attorney Docket: 108-059USA000

PATENT ASSIGNMENT

For value received we, Timothy A. Good, Xiaoxun Zhu, David M. Wilz, Sr., George B. Rockstein, Stephen J. Colavito, Robert E. Blake, Ka Man Au, Sankar Ghosh, George Kolis, Ian A. Scott, Thomas Amundsen, Gennady Germaine, Andrew D. Dehennis, LeRoy Dickson, and Carl Harry Knowles hereby sell, assign and transfer to Metrologic Instruments, Inc., a corporation of New Jersey, having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Serial No. 09/275,518 entitled "AUTOMATED SYSTEM AND METHOD FOR IDENTIFYING AND MEASURING PACKAGES TRANSPORTED THROUGH A LASER SCANNING TUNNEL," filed March 24, 1999 for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Patent Assignment
U.S.S.N. 09/275,518

Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 21 day of May, 1999

Timothy A. Good

State of New Jersey) ss:
County of Gloucester)

This day before me personally appeared TIMOTHY A. GOOD, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Kuly G Octy Notary Public

KELLY A. DOTY

NOTARY PUBLIC OF NEW JERSEY

Commission Expires 1/2 / 12

Signed at Blackwood, New Jersey this 27 day of May, 1999

Xiaoxun Zhu L.S.

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared XIAOXUN ZHU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Gommission Expires 1/2i/1302

Page 2 of 9

Patent Assignment U.S.S.N. 09/275,518

Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 27 day of May, 1999

David M. Wilz Sr. (L.S.)

State of New Jersey

) ss:

County of Gloucester

This day before me personally appeared DAVID M. WILZ, SR., who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

KELLY A. DOTY

NOTARY PUBLIC OF NEW 107857

Commission Expires 1/21/ 12

Signed at Blackwood, New Jersey this 56 day of May, 1999

George B. Rockstein

State of New Jersey

) ss:

County of Gloucester

This day before me personally appeared GEORGE B. ROCKSTEIN, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000
Signed at Blackwood, New Jersey
this 28 day of May, 1999

State of New Jersey)
) ss:

County of Gloucester)

This day before me personally appeared STEPHEN J. COLAVITO, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

KELLY A. DOTY NOTARY PUBLIC OF NEW JERSEY Commission Expires 1/21/2002

Signed at Blackwood, New Jersey this 24 day of May, 1999

Molet Elike (L

Robert E. Blake

State of New Jersey) ss:

County of Gloucester

This day before me personally appeared ROBERT E. BLAKE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public .

Patent Assignment U.S.S.N. 09/275,518 Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 22 day of May, 1999

Ka Man Au

State of New Jersey) ss County of Gloucester)

This day before me personally appeared KA MAN AU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public Co. Doty

KELLY A. DOTY NOTARY PUBLIC OF NEW JERSEY Commission Expires 1/21/2002

Signed at Blackwood, New Jersey this 20 day of May, 1999

Sankar Ghosh

State of New Jersey) ss:

County of Gloucester)

This day before me personally appeared SANKAR GHOSH, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Patent Assignment U.S.S.N. 09/275,518

Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 26 day of May, 1999

Mrs. Jali (L.S.)
Geofge Kojis

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared GEORGE KOLIS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Kelly (1. Doty)
Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey this 20 day of May, 1999

Ian A Scott

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared IAN A. SCOTT, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 26 day of May, 1999.

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared THOMAS C. AMUNDSEN, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

BKELLY A. DOTY

NOTARN PUBLIC OF NEW JERSEY

Commission Expires 1/21/2002

Signed at Blackwood, New Jersey this $\frac{26}{3}$ day of May, 1999

Germin (L.S.)

Gennady Germaine

State of New Jersey)
.) ss:
County of Gloucester)

This day before me personally appeared GENNADY GERMAINE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public . Ooty

Patent Assignment U.S.S.N. 09/275,518 Attorney Docket: 108-059USA000 Signed at Blackwood, New Jersey this ____ day of May, 1999 State of New Jersey) ss: County of Gloucester This day before me personally appeared ANDREW D. DEHENNIS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed. KELLY A. DOTY NOTARY PUBLIC OF NEW JERSEY Commission Expires 1/21/2002 Signed at San Jose, California this <u>R</u> day of <u>May</u>, 1999

State of California) ss: County of Santa Clara

This day before me personally appeared LEROY DICKSON, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Patent Assignment U.S.S.N. 09/275,518 Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 2 day of May, 1999.

Marry (L.S

C. Harry Knowles

State of New Jersey

) ss:

County of Gloucester

This day before me personally appeared C. HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public